LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL PUBLIC HEALTH DIVISION
AIR QUALITY PROGRAM
3140 N STREET, LINCOLN, NE 68510
ph: 402.441.8040 web: www.lincoln.ne.gov/city/health/environ/pollu/air.htm

Date Received
LLCHD USE ONLY

AIR QUALITY OPERATING PERMIT APPLICATION – CLASS I (TITLE V) SOURCE

Type of application: ☐ ***Initial*** ☐ ***Modification*** ☐ ***Renewal*** ***LLCHD ID #:*** _____

SECTION 1 – FACILITY & CONTACT INFORMATION

FACILITY INFORMATION

Company/Facility Name: _____

Company/Facility Location:

_____
Street *City* *State* *ZIP Code*

Company/Facility Mailing Address:

_____
Street *City* *State* *ZIP Code*

Is the business incorporated? ☐ ***Yes*** ☐ ***No***

If yes, what is the state of incorporation? _____

If yes, who is the resident agent? _____

Please provide address of corporate office.

_____
Street *City* *State* *ZIP Code*

Is the facility located on leased property? ☐ ***Yes*** ☐ ***No***

If yes, who is the property owner? _____

Please provide the following owner information.

_____
Street *City* *State* *ZIP Code*

Normal facility operating schedule: _____ ***hrs/day*** _____ ***days/week*** _____ ***weeks/year***

If the schedule is seasonal, check the months below during which the facility operates.

☐ ***Jan*** ☐ ***Feb*** ☐ ***Mar*** ☐ ***Apr*** ☐ ***May*** ☐ ***June*** ☐ ***July*** ☐ ***Aug*** ☐ ***Sept*** ☐ ***Oct*** ☐ ***Nov*** ☐ ***Dec***

Nature of business: _____

Applicable NAICS Codes: _____ _____ _____

CONTACT INFORMATION

Person to contact regarding this application: _____

Contact person's official title or responsibility: _____

(_____) - (_____) -
Office Phone *Office Fax* *E-Mail Address*

Applicant's Certification Statement

I certify, under penalty of law, that, based on information and belief formed after reasonable inquiry, the statements and information contained in this application are true, accurate, and complete. All production records will be made available to the staff of the Lincoln-Lancaster County Health Department as shall access to any facility or control device.

Typed or Printed Name: _____ ***Title:*** _____

Signature: _____ ***Date:*** _____

** Must be signed by a 'responsible official', as defined on the following page.*

INSTRUCTIONS FOR SECTION 1

Sources required to obtain a permit under Article 2 Section 5 of the LLCHD Air Pollution Control Program, must complete and return this form. Applications are incomplete unless all applicable information requested herein is supplied. Failure to supply any additional information requested by the Department to enable it to act on the application may result in denial of this application. Enclosed forms may be copied as needed.

Facility Information

Company/Facility Name: Provide the company's name, as well as the name used to identify this specific facility (if applicable.

Company/Facility Location: Provide the physical address or location of this facility.

Company/Facility Mailing Address: Provide the address where correspondence related to this facility should be sent.

Is the business incorporated? Indicate if the business is incorporated, and provide information regarding the corporation, if applicable.

Is the facility located on leased property? Indicate if the business is located on leased property, and provide information regarding the property owner.

Normal Facility Operating Schedule: Provide information regarding the facility's normal operating schedule

Nature of business: Describe the operations that the facility is engaged in.

Applicable NAICS Codes: Indicate the applicable North American Standard Industry Classification (NAICS) codes that apply to your facility.

Contact Information

Person to contact regarding this application: Indicate the individual who was primarily responsible for composing and completing this application, and who would have the most knowledge in regard to this application.

Contact person's official title and responsibility: Indicate the contact person's title, the duties they are responsible for, and provide the requested contact details.

Applicant's Certification Statement

Each application must include a certification statement indicating that the information contained in the application is true, accurate and complete and be signed by a Responsible Official of the organization that will operate the source, or by a Responsible Official of the organization which owns the source. A Responsible Official can be:

a. For a corporation:
   1. A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function; or,
   2. Any other person who performs similar policy or decision-making functions for the corporation; or,
   3. A duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit and either:
      i) The facilities employ more than 250 persons or have gross annual sales or expenditures exceeding $25 million (in second quarter 1980 dollars); or,
      ii) The delegation of authority to such representatives is approved in advance by the LLCHD.

b. For a partnership of sole proprietorship:
   1. A general partner or the proprietor, respectively;

c. For a municipality, State, Federal, or other public agency:
   1. Either a principal executive officer or ranking elected official. For the proposes of this application, the principal executive officer of a Federal agency included the chief executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., a Regional Administrator of EPA); or,

d. For affected sources:
   1. The designated representative in so far as actions, standards, requirements, or prohibitions under Section 26, of the Lincoln–Lancaster County Air Pollution Control Program Regulations and Standard (LLCAPCPRS), are concerned; and,
   2. The designated representative for any other purpose under the Title V program.

PLEASE FILL OUT ALL SECTIONS FOR EACH FACILITY AT YOUR SOURCE. COPY THESE PAGES AS NEEDED. LABEL EACH PAGE WITH PROPER FACILITY ID.

SECTION 2 – GENERAL SOURCE INFORMATION

SECTION 2.1 – DESCRIPTION OF SOURCE, EQUIPMENT AND PROCESSES

A **facility** consists of one or more sets of emission units that have the same type of operation and emission controls. A **source** consists of one or more contiguous or adjacent facilities that are owned or operated by the same entity. Property may be split by rail or by city, county or state road. Property does not always have to be adjoining to be considered adjacent. The key factor is the interdependence between two adjacent facilities. If one facility cannot exist without another, and they are located near each other, they belong to the same source.

In the space provided below, provide a description of your source, including descriptions of individual facilities (where applicable) that comprise the source.

SECTION 2.2 – SOURCE LAYOUT DIAGRAM

On the following page (you may attach additional pages if necessary), provide an overhead drawing of the complete source. Label each emission unit and include a north arrow. Indicate all streets, railroad tracks or other objects of division. Use a red pen or pencil to designate the source boundary. If there is any question of multiple facilities belonging to the same source, include a map detailed as described above, showing all facilities and indicating the names of land ownership or lease.

Indicate the positions of all emission control devices on the diagram (examples: water curtains, dry filter elements, baghouses, condensers, carbon absorbers, thermal oxidizers, enclosed containers).

SECTION 2 – GENERAL SOURCE INFORMATION (cont'd.)

SECTION 2.2 (continued) – SOURCE LAYOUT DIAGRAM

Source Diagram Space

SECTION 3 – DESCRIPTION OF EMISSION POINT INFORMATION

INSTRUCTIONS FOR SECTION 3

List each Source Classification Code (SCC) that corresponds to each emissions segment. You can find the SCC's that apply to your facility by using the U.S. EPA's AP-42 classification system, which is found at the following web address:

www.epa.gov/ttn/chief/ap42/index.html

You can also use the U.S. EPA's WebFIRE application to locate applicable SCC's. This application is found at the following web address:

cfpub.epa.gov/oarweb/index.cfm?action=fire.main

Contact the Air Quality Section of the LLCHD (441-8040) if you have an emission segment that does not appear to be covered by any known SCC.

List each emission **point** – each specific piece of equipment or process that emits a regulated pollutant. List each emission **segment** – the narrative description that corresponds to the SCC number previously mentioned.

Number each emission point, starting with 1, and then put a dash and a number corresponding to the emission segment.

Example:
A 50 MMBtu/hr steam boiler runs on #2 oil or natural gas. The two SCC numbers are 10200501 for "Grades 1 and 2 oil" and 10200602 for "10-100 MMBtu/hr" (under the category "Natural Gas"). (You can use the descriptions out of the manual or simplify them.) The Emission Point/Segment number for the boiler burning oil is *1-1*. The number for burning gas is *1-2*.

Emission Point-Segment #	Source Classification Code (SCC)	Emission Point	Emission Segment
1-1	10200501	50 MMbtu/hr steam boiler	#1 & #2 Oil
1-2	10200602	50 MMbtu/hr steam boiler	Natural Gas

The next emission point would be *2*, and its first segment would be *2-1*.

List all alternate operating scenarios. For example, if you operate a surface coating facility that occasionally applies water-based paint in a paint booth primarily used for solvent-based paint, you must list the emission point information for that scenario as well. As another example, if you have a boiler capable of running on multiple fuels, list every fuel that you could potentially burn in that boiler

Not all emission-related activities are considered "significant" for permitting purposes. These activities should be included in the application separately from the emission point-segment list. For a complete list of activities that are considered insignificant, go to the following web address and open the document titled "Insignificant Activities List for Class I Sources".

www.lincoln.ne.gov/city/health/environ/pollu/airforms.htm

Later in the application when emissions are calculated, the emissions from distillate oil and gas-fired boilers will be included only for those with heat input ratings equal to or greater than 8 or 10 million Btu/hr, respectively. Emissions for boilers with ratings less than this, and for space heaters, will not have to be calculated.

SECTION 3 – DESCRIPTION OF EMISSION POINT INFORMATION (cont'd.)

TABLE 3-A: EMISSION POINT IDENTIFICATION

Emission Point-Segment #	Source Classification (SCC)	Emission Point	Emission Segment

SECTION 3 – DESCRIPTION OF EMISSION POINT INFORMATION (cont'd.)

TABLE 3-B: EMISSION POINT INFORMATION

For fugitive sources, include the latitude, longitude, and elevation.

Emission Point-Segment #	**Emission Point Description**	**LAT** (decimal degrees)	**LON** (decimal degrees)	**Elevation** (m)	**Stack Height** (ft)	**Temperature of Exhaust** (°C)	**Exit Velocity of Exhaust** (m/s)	**Inside Diameter of Stack** (ft)	**Flow Rate of Exhaust** (m^3 / s)

SECTION 3 – DESCRIPTION OF EMISSION POINT INFORMATION (cont'd.)

TABLE 3-C: INSIGNIFICANT ACTIVITIES LIST

* *Refer to the "Insignificant Activities List", which can be found by following the link provided at the bottom of Page 5. Please include those insignificant activities in this table.*

Duplicate this page as necessary.

Insignificant Activity	Additional Information

SECTION 4 – MAXIMUM POTENTIAL AIR EMISSIONS WITHOUT CONTROL EQUIPMENT AND PROCESS LIMITATIONS

INSTRUCTIONS FOR SECTION 4

Compute emission rates without the use of control equipment, even if controls are used. If you plan to take limits on the use of fuel, or on the amount of material processed, DO NOT include those limits in this section.

In order to calculate maximum potential air emissions, you must obtain the maximum production rates for the various processes within a production facility or, for fuel use, the maximum amount of fuels combusted at the facility. To obtain maximum annual production for a given process, the maximum hourly rate is multiplied by **8760**, which is the number of hours in a year. This is the figure that will be used for calculating maximum potential annual emissions.

Calculate maximum annual emissions for **all** emission points/segment numbers and SCC numbers that you listed in Section 3. Enter the process rates in the same manner as they are given with their respective SCC's. For example, if the process rate associated with a distillate fuel-fired boiler is given in "1,000 gallons burned", and your facility can use a maximum potential of **70,000** gallons, then the "Process Rate" would be **70**.

INSTRUCTIONS FOR TABLE 4-A: MAXIMUM POTENTIAL CRITERIA AIR POLLUTANT EMISSIONS

Emission rates are calculated for *PM10, SOx, NOx, VOC, CO,* and *LEAD* by multiplying the process rate times the SCC emission factor information (in lbs/process unit). In some cases, most often with boilers using fuel oil, *VOC* emission factors are not listed in AP-42 or FIRE. This is due to the fluctuation of VOC emissions resulting in boilers from the level of maintenance and varying operating conditions. In the cases where VOC emissions are not listed, be sure to use the emission factor for *TOC's*, which represents Total Organic Compounds. This assures that all VOC emissions are accounted for.

INSTRUCTIONS FOR TABLE 4-B: MATERIALS CONTAINING VOLATILE ORGANIC COMPOUNDS (VOC)

If you utilize materials that contain Volatile Organic Compounds (VOC), you can calculate emissions by obtaining a copy of the MSDS for the material in question, and finding the 'volatile percent'. The 'volatile percent' is the % of the material, by weight, that is volatile. To determine the pounds of VOC emitted, multiply the 'volatile percent' (as a decimal fraction) of the compound by the amount of the compound used annually (measured in pounds). If the materials is measured in gallons, multiply the gallons of material used by the product density in pounds per gallon (available on the MSDS), then multiply that number by the 'volatile percent'.

INSTRUCTIONS FOR TABLE 4-C: MAXIMUM POTENTIAL HAZARDOUS AIR POLLUTANT (HAP) EMISSIONS

Emission rates for Hazardous Air Pollutants (HAP) are also provided with AP-42 or FIRE. If you are unsure if a certain chemical is considered a HAP, please follow the link below. It is important to note that Methyl Ethyl Ketone (MEK), while on the list, has been de-listed as a HAP, and does not need to be included in HAP calculations. It DOES, however, need to be included with VOC calculations. If you use materials that contain HAP, you can use the same procedure described in the instructions for TABLE 4-B. Please note, also, that if the HAP content is expressed as a percent range for a specific HAP is listed on the MSDS, use the midpoint of that range for the HAP content…or contact the manufacturer for exact percentages.

http://www.epa.gov/ttn/atw/188polls.html

If you have reason to believe that the emission factors provided with this application do not accurately represent your emissions, emissions can be calculated using other methods as long as you describe the method(s) and provide the calculation(s).

SECTION 4 – MAXIMUM POTENTIAL AIR EMISSIONS WITHOUT CONTROL EQUIPMENT AND PROCESS LIMITATIONS (cont'd.)

TABLE 4-A: MAXIMUM POTENTIAL CRITERIA AIR POLLUTANT EMISSIONS

* *Please list emissions of all pollutants in pounds per year. Refer to the EPA's list of **187 Hazardous Air Pollutants** to find out which HAPs to include in the "Total HAP" calculations.*

Duplicate this page as necessary.

Point/ Segment Number	Source Classification Code (SCC)	Process Rate	Process Rate Units	PM_{10}	SOx	NOx	VOC	CO	LEAD	Total HAP
			Total Emissions (lbs)							
			Total Emissions (tons)							

SECTION 4 – MAXIMUM POTENTIAL AIR EMISSIONS WITHOUT CONTROL EQUIPMENT AND PROCESS LIMITATIONS (cont'd.)

TABLE 4-B: MATERIALS CONTAINING VOLATILE ORGANIC COMPOUNDS (VOC)

* *Please list the maximum throughput of all materials used that contain Volatile Organic Compounds, and show amount of VOC emitted.*

Duplicate this page as necessary.

Material Name	Manufacturer	Material Purpose	Material Throughput[1]		Product Density (lb/gal)	% Volatile	Total VOC (lbs)	Release Factor[2]	Total VOC Emitted (lbs)
			gallons	pounds					
Total Combined VOC Emissions (lbs)									
Total Combined VOC Emissions (tons)									

[1] - Provide material throughput in EITHER pounds or gallons.

[2] - If all VOC is assumed to be released from the produce, the Release Factor is 1.0. If manufacturer data indicates that not all VOC is released from the product, the Release Factor is the percent VOC released expressed as a decimal fraction, e.g. if 75% of the VOC is released, the Release Factor is 0.75.

SECTION 4 – MAXIMUM POTENTIAL AIR EMISSIONS WITHOUT CONTROL EQUIPMENT AND PROCESS LIMITATIONS (cont'd.)

TABLE 4-C: MAXIMUM POTENTIAL HAZARDOUS AIR POLLUTANT (HAP) EMISSIONS

* *List any chemicals manufactured or used that appear on the EPA's list of 187 Hazardous Air Pollutants and are covered by the Clean Air Amendments of 1990. Follow the same methods for calculating HAP as was used to calculate VOC. If a product contains more than one HAP, then use multiple rows in order to provide calculations for every individual HAP.*

Duplicate this page as needed.

Material Name	HAP Name	HAP CAS#[3]	Material Throughput[4]		Product Density (lb/gal)	% HAP	Total Individual HAP (lbs)	Release Factor	Total HAP Emitted (lbs)
			gallons	pounds					
Total Combined HAP Emissions (lbs)									
Total Combined HAP Emissions (tons)									

[3] - The Chemical Abstracts Service (CAS) number of a given chemical should be obtained from the MSDS.
[4] - Provide material throughput in EITHER pounds or gallons.

SECTION 5 – DETERMINATION OF CLASS

Answer the following questions and follow the directions provided.

1. **Do the maximum potential emissions reflected in Section 4 exceed of any of the following levels?**
   ☐ **Yes** ☐ **No**

   - 100 tons per year of PM10
   - 100 tons per year of SO_2 or SO_3, or any combination of the two
   - 100 tons per year of oxides of nitrogen (calculated as NO_2)
   - 100 tons per year of volatile organic compounds (VOC)
   - 100 tons per year of carbon monoxide (CO)
   - 5.0 tons per year of lead (Pb)
   - 10 tons per year of any single hazardous air pollutant (HAP)
   - 25 tons per year of combined hazardous air pollutants (HAP)

   If you answered "Yes" continue to the following question.

   If you answered "No", your facility does not require a Class I (Title V) operating permit and are not required to complete the remainder of this application. You MAY, however, require a Class II operating permit. Please download a copy of the "Air Quality Operating Permit Application – Class II Specific Source", and complete it as directed.

2. **If you answered "Yes" to question #1, would you like to obtain a federally enforceable limit on the emissions from your source to avoid being subject to Title V permitting requirements, and/or the requirements of 40 CFR Part 63 – National Emission Standards for Hazardous Air Pollutant (NESHAP) Maximum Achievable Control Technology?**

   ☐ **Yes, I would like to limit the emissions to levels lower than Class I (Title V) permitting and/or 40 CFR Part 63 thresholds.**

   ☐ **No, I do not wish accept federally enforceable limits on emissions.**

   If you answered "No" to question #2, you MUST obtain a Class I operating permit. Continue to the following questions.

   If you answered "Yes" to question #2, you are not required to obtain a Class I permit. Your facility will be classified as a "Synthetic Minor" source, and must obtain a Class II operating permit. Please download a copy of the "Air Quality Operating Permit Application – Class II Specific Source", and complete it as directed.

3. **Do emissions of Hazardous Air Pollutants (HAP) presented in Section 4 exceed either of the following levels?**

   ☐ **Yes** ☐ **No**

   - 10 tons per year of any single hazardous air pollutant (HAP)

   or

   - 25 tons per year of combined hazardous air pollutants (HAP)

   If you answered "No" to question #3, proceed to question #4.

   If you answered "Yes" to question #3, and have elected not to take limits on throughput or emissions to remain below the thresholds shown above, ***your source will be classified as a "major source" for HAP emissions, and may be subject to requirements of 40 CFR Part 63.*** *You should review 40 CFR Part 63 to determine which rules may apply to your source.*

   Note: *Even if your facility will remain an 'area source' of HAP emissions, you may still be subject to recently passed 'area source MACT standards'. For more information about these standards, and to find out if any of these rules apply to you, please visit the following webpage.*

   http://www.epa.gov/ttn/atw/area/arearules.html

4. **<u>All</u> sources required to obtain an operating permit from the LLCHD are also required to pay annual fees for all regulated air pollutant emissions. The emission fees are structured so that sources that emit more pollutants are required to pay higher emission fees. One way to reduce emissions, and thereby reduce fees, is to install control equipment. Would you like to accept a federally enforceable requirement to install, operate, and maintain control equipment on any of the emission point-segments contained in this application?**

   a. ☐ **Yes, I would like to accept a federally enforceable requirement to install, operate, and maintain control equipment to control emissions associated with the equipment contained in this construction permit application.**

   b. ☐ **Yes, I would like to accept a federally enforceable limit on the amount of production or the amount of emissions associated with the equipment contained in this construction permit application.**

   c. ☐ **No, I do not wish to accept any limits on production or emissions, and do not wish to install control equipment.**

   If you answered "No" in question #4.c., proceed to Section 6.

   If you answered "Yes" to 4.a., indicate which emission point-segments you would like to apply a control device to in Table 5-A.

   If you answered "Yes" to 4.b., indicate the emission point-segments for which you would like to accept a limit on the amount of throughput or the amount of emissions in Table 5-B.

Note: ***If you have agreed to accept federally enforceable limits on the amount of throughput or emissions, and/or have accepted a federally enforceable requirement to install, operate, and maintain control equipment associated with this construction/modification, please indicate which emission-point segments you wish to limit or control on the following pages.***

SECTION 5 – DETERMINATION OF CLASS (cont'd.)

TABLE 5-A: CONTROL EQUIPMENT INFORMATION

Do you agree to accept a federally enforceable requirement to install, operate, and maintain control devices on the equipment associated with this construction/modification?

☐ **Yes** ☐ **No**

If you answered "Yes", indicate the type of control devices you agree to install, and list the corresponding emission point-segment numbers. Also provide the % Control Efficiency. The % Control Efficiency can be found at the links below, or can be in accordance with manufacturer data or stack tests. Please provide copies of manufacturer data or stack tests to verify control efficiency.

http://www.lincoln.ne.gov/city/health/environ/pollu/airforms/controleff.pdf
or
http://www.lincoln.ne.gov/city/health/environ/pollu/airforms/controleff.doc

Duplicate this page as needed.

Emission Point-Segment #	Process	Control Device	% Control Efficiency

SECTION 5 – DETERMINATION OF CLASS (cont'd.)

TABLE 5-B: EMISSION/THROUGHPUT LIMIT INFORMATION

Do you agree to accept a federally enforceable limit on the level of throughput and/or emissions associated with this construction/modification?

☐ **Yes** ☐ **No**

If you answered "Yes", indicate the processes you agree to limit, and list the emission point-segment numbers.

Duplicate this page as needed.

Emission Point-Segment #	Process Description	Emission or Throughput Limit

SECTION 6 – MAXIMUM POTENTIAL AIR EMISSIONS WITH CONTROL EQUIPMENT AND PROCESS LIMITATIONS

INSTRUCTIONS FOR SECTION 6

If you plan to install control equipment, or are required to due to an applicable regulation, then compute emission rates with the use of control equipment. Use the same control efficiencies as indicated in Table 5-A of Section 5.

If you plan to take limits on emissions, the use of fuel, or on the amount of material processed, then compute the emissions rates with the chosen emission/throughput limits as indicated in Table 5-B of Section 5.

Enter the process rate in the same manner as was described in Section 4. In addition, please use the same emission factors as were used in Section 4.

SECTION 6 – MAXIMUM POTENTIAL AIR EMISSIONS WITH CONTROL EQUIPMENT AND PROCESS LIMITATIONS (cont'd.)

TABLE 6-A: MAXIMUM POTENTIAL CRITERIA AIR POLLUTANT EMISSIONS

* *Please list emissions of all pollutants in pounds per year. Refer to the EPA's list of **187 Hazardous Air Pollutants** to find out which HAPs to include in the "Total HAP" calculations.*

Duplicate this page as necessary.

Point/ Segment Number	Source Classification Code (SCC)	Process Rate[5]	Process Rate Units	Control Equipment		PM_{10}	SOx	NOx	VOC	CO	LEAD	Total HAP
				Code	%							
Total Emissions (lbs)												
Total Emissions (tons)												

[5] - Enter the process rate(s) that you have agreed to accept as a federally enforceable limit.

SECTION 6 – MAXIMUM POTENTIAL AIR EMISSIONS WITH CONTROL EQUIPMENT AND PROCESS LIMITATIONS (cont'd.)

TABLE 6-B: MATERIALS CONTAINING VOLATILE ORGANIC COMPOUNDS (VOC)

* *Please list the maximum throughput of all materials used that contain Volatile Organic Compounds, and show amount of VOC emitted.*

Duplicate this page as necessary.

Material Name	Manufacturer	Material Purpose	Material Throughput[6]		Product Density (lb/gal)	% Volatile	Total VOC (lbs)	Release Factor	Total VOC Emitted (lbs)
			gallons	pounds					
Total Combined VOC Emissions (lbs)									
Total Combined VOC Emissions (tons)									

[6] - Enter the material throughput rate(s), either in pounds or gallons, that you have agreed to accept as a federally enforceable limit.

SECTION 6 – MAXIMUM POTENTIAL AIR EMISSIONS WITH CONTROL EQUIPMENT AND PROCESS LIMITATIONS (cont'd.)

TABLE 6-C: MAXIMUM POTENTIAL HAZARDOUS AIR POLLUTANT (HAP) EMISSIONS

* *List any chemicals manufactured or used that appear on the EPA's list of **187 Hazardous Air Pollutants** and are covered by the Clean Air Amendments of 1990. Follow the same methods for calculating HAP as was used to calculate VOC. If a product contains more than one HAP, then use multiple rows in order to provide calculations for every individual HAP.*

Duplicate this page as needed.

Material Name	HAP Name	HAP CAS#[7]	Material Throughput		Product Density (lb/gal)	% HAP	Total Individual HAP (lbs)	Release Factor	Total HAP Emitted (lbs)
			gallons	pounds					
Total Combined HAP Emissions (lbs)									
Total Combined HAP Emissions (tons)									

[7] - Enter the material throughput rate(s), either in pounds or gallons, that you have agreed to accept as a federally enforceable limit.

SECTION 7 – PERMIT SHIELD

Complete this section ONLY if your source qualifies for a Class I Operating Permit.

Are you applying for a permit shield as defined in the *Lincoln-Lancaster County Air Pollution Control Program Regulations and Standards*, Article 2, Section 8?

☐ **Yes** ☐ **No**

From which regulations do you wish to be shielded?

SECTION 8 – COMPLIANCE PLAN

1. Compliance status with respect to all applicable requirements effective at time of permit issuance:

Applicable requirements include maintaining allowable stack opacity, maintaining allowable particulate emissions for the total given heat input, adhering to fugitive dust regulations, adhering to the process weight/particulate emissions rates, adhering to all pre-construction permit conditions, and, in some cases, following **New Source Performance Standards** (NSPS), and/or **National Emission Standards for Hazardous Air Pollutant (NESHAP) Maximum Available Control Technology (MACT)** requirements, as described in the *Lincoln-Lancaster County Air Pollution Control Program Regulations and Standards*.

In the space below, indicate all applicable requirements that relate to your source and state which test methods are used to determine compliance.

Requirement	Test Method

Will your source be in compliance with all applicable requirements at the time of permit issuance and continue to comply with these requirements?

☐ **Yes** ☐ **No**

(If **Yes**, go to part 2; if **No**, complete subparts *a-d*, below, for each requirement for which compliance is not achieved.)

a. Identify all applicable requirements for which compliance is not achieved:

b. Provide a narrative description of how compliance will be achieved with those applicable requirements for which compliance has not yet been achieved:

SECTION 8 – COMPLIANCE PLAN (cont'd.)

c. Give a detailed Schedule of Compliance:

Compliance Step	Expected Compliance Date
	/ /
	/ /
	/ /
	/ /
	/ /
	/ /
	/ /
	/ /

d. Indicate how frequently you will provide progress reports: _____
(6-month minimum)

2. Compliance status with respect to all applicable requirements effective after permit issuance (future-effective requirements):

Will your source be in compliance with all applicable requirements taking effect during the term of the permit and meet such requirements on a timely basis?

☐ **Yes** ☐ **No**

(If **Yes**, go to *Section I*; if **No**, complete subparts *a-b*, below, for each requirement for which compliance is not expected)

a. Identify all applicable requirements for which you do not expect to comply:

b. Give a detailed Schedule of Compliance:

Compliance Step	Expected Compliance Date
	/ /
	/ /
	/ /
	/ /
	/ /
	/ /
	/ /
	/ /

SECTION 9 – COMPLIANCE CERTIFICATION

This section is completed once per application with respect to all applicable requirements at the source.

Opacity Compliance Certification

Indicate what method(s) of determining compliance will be used by placing either a check mark or an "X" in the appropriate space provided.

☐ Certified Observer ☐ Responsible Observer ☐ Daily Record

☐ Other (specify): _____

Indicate frequency of compliance certifications during the term of the permit. Frequency: _____

Beginning Date: ____/____/_____

Emissions and Material Use Certification

Indicate how material use will be substantiated (check all that apply):

☐ Material Supplier Records

☐ Material Use Logbook

☐ Other (specify): _____

Indicate what method(s) of determining emissions will be used:

☐ AP-42 or WebFIRE Emission Factors

☐ Stack test

Note: *If you use stack test results, remember to include copies of the results, and be sure to document which emission point-segment is covered by each stack test.*

☐ Other (specify): _____

Certification of Compliance with All Applicable Requirements

This certification must be signed by a responsible official (see page 2 of this application). Applications without a signed certification will be returned as incomplete.

I hereby certify that, based on information and belief formed after reasonable inquiry, the air contaminant source identified in this application is in compliance with all applicable requirements.

Signature: _____ Date: _____

Name (typed or printed): _____

Title: _____